

6570
1109

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/982,405

DATE: 11/08/2001

TIME: 13:09:32

Input Set : A:\98-43C1.txt

Output Set: N:\CRF3\11082001\I982405.raw

4 <110> APPLICANT: Paul O. Sheppard
 5 Betty A. Haldeman
 6 Richard D. Holly
 8 <120> TITLE OF INVENTION: Transmembrane Polypeptide Expressed by
 9 Lymphocytes
 11 <130> FILE REFERENCE: 98-43C1
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/982,405 ✓
 C--> 13 <141> CURRENT FILING DATE: 2001-10-18
 13 <150> PRIOR APPLICATION NUMBER: 09/631,073
 14 <151> PRIOR FILING DATE: 2000-08-02
 16 <150> PRIOR APPLICATION NUMBER: 09/394,767
 17 <151> PRIOR FILING DATE: 1999-09-13
 19 <150> PRIOR APPLICATION NUMBER: 60/100,865
 20 <151> PRIOR FILING DATE: 1998-09-17
 22 <160> NUMBER OF SEQ ID NOS: 5
 24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 433
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (50)...(325)
 35 <400> SEQUENCE: 1
 36 gctctggacc acagtcctct gccagacccc tgccagaccc cagtcacc atg atc cat 58
 37 Met Ile His
 38 1
 40 ctg ggt cac atc ctc ttc ctg ctt ttg ctc cca gtg gct gca gct cag 106
 41 Leu Gly His Ile Leu Phe Leu Leu Leu Leu Pro Val Ala Ala Ala Gln
 42 5 10 15
 44 acg act cca gga gag aga tca tca ctc cct gcc ttt tac cct ggc act 154
 45 Thr Thr Pro Gly Glu Arg Ser Ser Leu Pro Ala Phe Tyr Pro Gly Thr
 46 20 25 30 35
 48 tca ggc tct tgt tcc gga tgt ggg tcc ctc tct ctg ccg ctc ctg gca 202
 49 Ser Gly Ser Cys Ser Gly Cys Gly Ser Leu Ser Leu Pro Leu Leu Ala
 50 40 45 50
 52 ggc ctc gtg gct gct gat gcg gtg gca tcg ctg ctc atc gtg ggg gcg 250
 53 Gly Leu Val Ala Ala Asp Ala Val Ala Ser Leu Leu Ile Val Gly Ala
 54 55 60 65
 56 gtg ttc ctg tgc gca cgc cca cgc cgc agc ccc gcc caa gat ggc aaa 298
 57 Val Phe Leu Cys Ala Arg Pro Arg Arg Ser Pro Ala Gln Asp Gly Lys
 58 70 75 80
 60 gtc tac atc aac atg cca ggc agg ggc tgaccctct gcagcttgga 345
 61 Val Tyr Ile Asn Met Pro Gly Arg Gly
 62 85 90
 64 cctttgactt ctgaccctct catcctggat ggtgtgtggt ggcacaggaa ccccgcccc 405
 65 aacttttgga ttgtaataaa acaattga 433

ENTERED

RAW SEQUENCE LISTING

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Input Set : A:\98-43C1.txt

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67 <210> SEQ ID NO: 2

68 <211> LENGTH: 92

69 <212> TYPE: PRT

70 <213> ORGANISM: Homo sapiens

72 <400> SEQUENCE: 2

73 Met Ile His Leu Gly His Ile Leu Phe Leu Leu Leu Leu Pro Val Ala

74 1 5 10 15

75 Ala Ala Gln Thr Thr Pro Gly Glu Arg Ser Ser Leu Pro Ala Phe Tyr

76 20 25 30

77 Pro Gly Thr Ser Gly Ser Cys Ser Gly Cys Gly Ser Leu Ser Leu Pro

78 35 40 45

79 Leu Leu Ala Gly Leu Val Ala Ala Asp Ala Val Ala Ser Leu Leu Ile

80 50 55 60

81 Val Gly Ala Val Phe Leu Cys Ala Arg Pro Arg Arg Ser Pro Ala Gln

82 65 70 75 80

83 Asp Gly Lys Val Tyr Ile Asn Met Pro Gly Arg Gly

84 85 90

86 <210> SEQ ID NO: 3

87 <211> LENGTH: 276

88 <212> TYPE: DNA

89 <213> ORGANISM: Artificial Sequence

91 <220> FEATURE:

92 <223> OTHER INFORMATION: SEQ ID NO:3 is a degenerate sequence encoding the

93 amino acid sequence of SEQ ID NO:2.

95 <221> NAME/KEY: variation

96 <222> LOCATION: (1)...(276)

97 <223> OTHER INFORMATION: n is any nucleotide

100 <400> SEQUENCE: 3

W--> 101 atg ath cay ytn ggn cay ath ytn tty ytn ytn ytn ytn ccn gtn gcn 48

W--> 102 gcn gcn car acn acn ccn ggn gar mgn wsn wsn ytn ccn gcn tty tay 96

W--> 103 ccn ggn acn wsn ggn wsn tgy wsn ggn tgy ggn wsn ytn wsn ytn ccn 144

W--> 104 ytn ytn gcn ggn ytn gtn gcn gcn gay gcn gtn gcn wsn ytn ytn ath 192

W--> 105 gtn ggn gcn gtn tty ytn tgy gcn mgn ccn mgn mgn wsn ccn gcn car 240

W--> 106 gay ggn aar gtn tay ath aay atg ccn ggn mgn ggn 276

108 <210> SEQ ID NO: 4

109 <211> LENGTH: 18

110 <212> TYPE: DNA

111 <213> ORGANISM: Artificial Sequence

113 <220> FEATURE:

114 <223> OTHER INFORMATION: PCR Primer for Zsig16

116 <400> SEQUENCE: 4

117 cgtgggggcg gtgttcct 18

119 <210> SEQ ID NO: 5

120 <211> LENGTH: 18

121 <212> TYPE: DNA

122 <213> ORGANISM: Arifical Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: PCR primer for Zsig16

127 <400> SEQUENCE: 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/982,405

DATE: 11/08/2001

TIME: 13:09:32

Input Set : A:\98-43C1.txt

Output Set: N:\CRF3\11082001\I982405.raw

128 agttggggcg ggggttcc

18

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/982,405

DATE: 11/08/2001
TIME: 13:09:33

Input Set : A:\98-43Cl.txt
Output Set: N:\CRF3\11082001\I982405.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3